Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 18 Oct 2020 until 23:59 on Monday 19 Oct 2020

Forecast Issued on Sunday 18 Oct 2020 at 01:18

Confidence: High for occasionally unsettled, but confidence in the detail of timing and extend of poorer conditions diminishing, as to be expected, through the period.

Headline for Sunday 18 Oct 2020: Conditions improving through the morning, then deteriorating from the west from afternoon, with patchy rain turning more widespread come late evening

Mountain weather hazards on Sunday 18 Oct 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Dull	Cloudy	Cloudy	Cloudy
Precipitation probability					
20%	10%	10%	20%	20%	60%

Forecast for Sunday 18 Oct 2020

Weather: In the east rather cloudy initially with some patchy light rain cropping up. Further west starting dry with some limited clear spells and perhaps a few fog patches in the valleys. Brighter spells gradually increasing mid to late morning across the Park, then with the flow backed to the southwest cloud gradually building from the west, bringing some patchy light rain during the evening, which merges into longer spells of rain towards midnight, chiefly across western peaks.

Chance of cloud free mountain/hill tops above 600m: Initially in the east and later in the day in the west 25% with bases quite extensive from 450-650m, otherwise 75%.

Visibility: Mainly good. In rain becoming 3-8km, poor in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 18 Oct 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 NE	3/5 S	6/8 SW	9/12 SW	10/15 SW	11/16 S	14/21 S
300	2/8 NE	1/3 E	4/7 SW	5/9 SW	4/11 S	4/11 S	5/14 S
Valley	3/8 NE	2/4 SE	4/7 SW	4/8 SW	2/10 S	4/13 S	5/16 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/2	5/3	6/4	6/3	5/2	5/2	5/1
300	6/6	7/6	8/8	8/7	7/6	7/5	7/6
Valley	7/6	8/8	10/9	10/9	8/8	8/7	9/7
Freezing Level*	1300m	1300m	1300m	1400m	1400m	1600m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best of conditions around mid-day, but low cloud and hill fog quite extensive at times early and late in day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 18 Oct 2020	0.4mm	0.6mm	1.8mm

Forecast for Monday 19 Oct 2020

Weather: Rather cloudy with rain at times, but also some brighter spells breaking through, these most likely through the morning.

Maximum wind: South 15-20mph with gusts reaching 30mph over most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 70% during the morning with the extensive cloud mostly above the summits. Becoming 40% during the afternoon as cloud bases lower and thicken.

Visibility: Good falling moderate or poor in rain and very poor in hill fog.

Temperature: **Valleys:** Plus 4 Celsius rising 14 Celsius during the afternoon
At 600m: Plus 6-8 Celsius
Freezing level: Above summits

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